GENERAL TANK DATA CHECKLIST [1]

TANK NUMBER CFA-681-S

Doc. #	Received
1) Database Current Status Report	X
2) Database Initial Profile Sheet	X
3) Tank Location Map	X
4) Tank Location Photographs	X

[1] Revised 2/1/91

INEL UNDERGROUND STORAGE TANKS

GENERAL TANK INFORMATION

K ID: 681-S	COCA NUM: CFA-37	OTHER TANK NUM:
FACILITY: CFA	BUILDING NUM: 681	IDAHO NO.
AREA:	DRAWING NUM:	STOCK NO.	INVEN LOC:
DOE CONTRACTOR: EG&G	TANK OWNER: K.R. THURMAN	OWNER PHONE: 6-2830
CONTACT NAME: D.K. LAINHART	CONTACT PHONE: 6-2492	

TANK STATUS

TANK TYPE: UST	AGE 1988: 39	EMPTY:	
CONTENTS: HEATING OIL	TYPE OF CONT: PETROLEUM	DIA.:	
CAPACITY/GALLONS: 500	REMAINING GALS:	DEPTH: 2"	
LAB RESULTS:	SAMPLED DATE:05/09/90	DEFERRED: N/A	
CURRENT STATUS: OUT-OF-SERVICE	FUNCTION: HEATING	GALS REMVD: 0	
	DATE REMOVED: 10/30/90		
DATE INSTALLED: 1949	DATE LAST USED: 1978	EMPTIED DATE:	
RCRA 280: NO			

CONSTRUCTION

CONSTRUCTION MATERIAL: STEEL	PIPING MATERIAL: TAR COATED STEE
	PIPING TYPE:

PROTECTION

INTERNAL PROTECTION: NONE	EXTERNAL PROTECTION: PAINTED

DETECTION

		DETECTION NOTES:

MISC. INFO.

NOTES:

(CFA-37 Service)

UNDERGROUND STORAGE TANK DATA SHEET

I. AREA/LOCATION ..... CFA

II. TANK IDENTIFICATION NO. CFA-681-S

III. OWNER/OPERATOR ..... USDOE - ID

A. CONTRACTOR OPERATOR ..... EG&G

1. RESPONSIBLE DEPT/ORG ..... F&M Landlord

2. CONTACT NAME & PHONE NO. ..... K. R. Thurman -- 6-2830

IV. SYSTEM/SUBSYSTEM NAME AND PURPOSE (BRIEF DESCRIPTION):

Bulk fuel storage for #2 fuel oil. 500 gallon capacity. Is not in service.

V. CONTENTS:

A. PETROLEUM PRODUCTS ONLY X

B. HAZARDOUS SUBSTANCE (PER CERCLA DEFINITION) .....

C. HAZARDOUS WASTE (COVERED BY RCRA SUBTITLE C) .....

D. RADIOACTIVE MATERIALS (COVERED BY 42 USC 2011 AND FOLLOWING) .....

E. MIXTURE OF RCRA SUBTITLE C WASTE AND OTHER REGULATED SUBSTANCES .....

F. UNKNOWN .....

G. OTHER (EXPLAIN) .....

H. EMPTY - PER UST DEFINITION (LIST PRIOR CONTENTS) X

Tank was taken out of service in the 1970's. Tank was emptied of contents in 1986 and has not been used since.

Out of service - isolate now, close by 1998

Owner Name (from Section I) _____ Location (from Section II) _____ Page No. ____ of ____ Pages

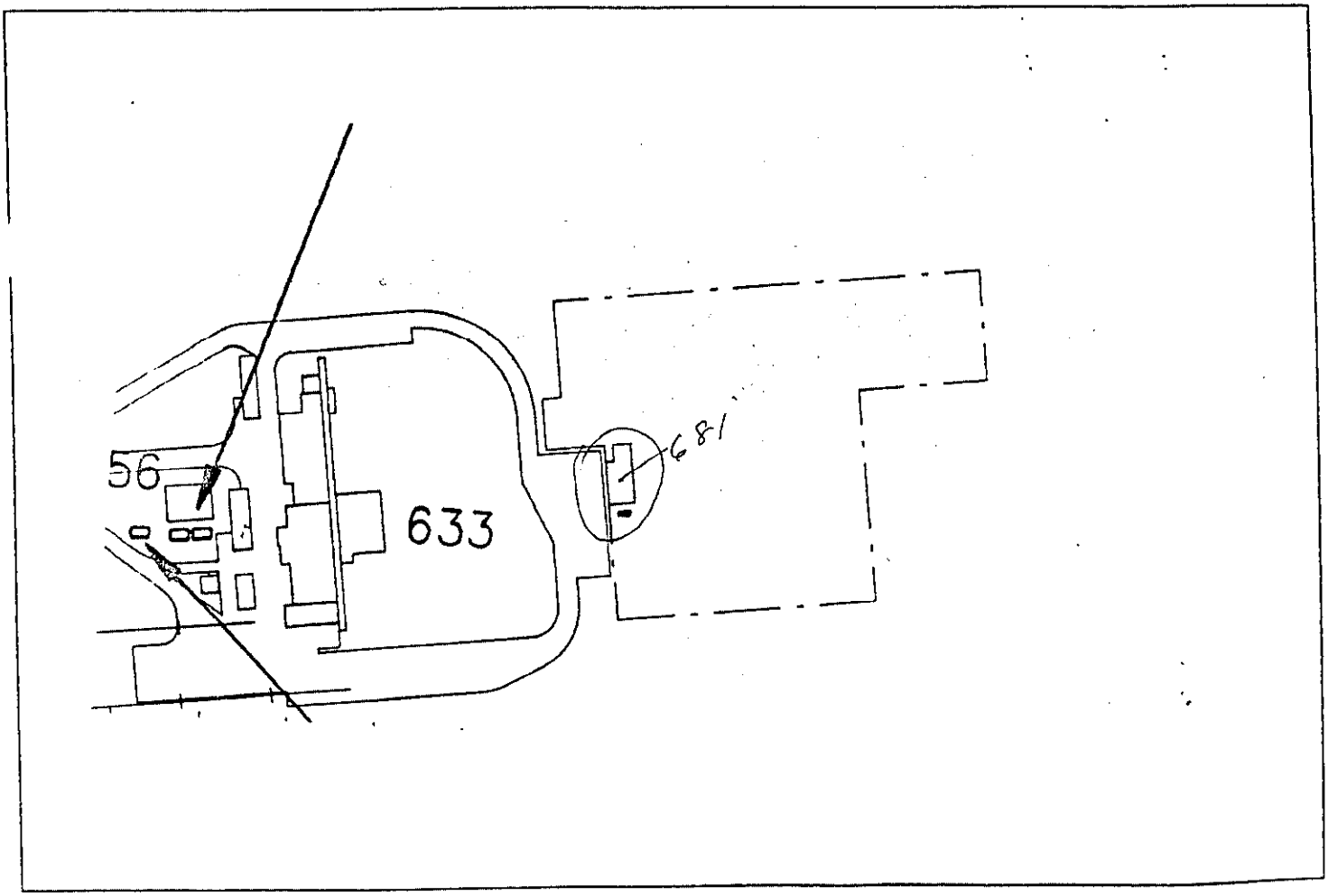
Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. CF-681	Tank No.	Tank No.	Tank No.	Tank No.
1. Status of Tank (Mark all that apply ☒) — Currently in Use	☐	☐	☐	☐	☐
Temporarily Out of Use	☐	☐	☐	☐	☐
Permanently Out of Use	☒	☐	☐	☐	☐
Brought into Use after 5/8/86	☐	☐	☐	☐	☐
2. Estimated Age (Years)	40				
3. Estimated Total Capacity (Gallons)	500				
4. Material of Construction (Mark one ☒) — Steel	☐	☐	☐	☐	☐
Concrete	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	Carbon Steel				
5. Internal Protection (Mark all that apply ☒) — Cathodic Protection	☐	☐	☐	☐	☐
Interior Lining (e.g., epoxy resins)	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	☒	☐	☐	☐	☐
Other, Please Specify					
6. External Protection (Mark all that apply ☒) — Cathodic Protection	☐	☐	☐	☐	☐
Painted (e.g., asphaltic)	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic Coated	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	☒	☐	☐	☐	☐
Other, Please Specify					
Piping (Mark all that apply ☒) — Bare Steel	☒	☐	☐	☐	☐
Galvanized Steel	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Cathodically Protected	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify					
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply ☒) — a. Empty	☒	☐	☐	☐	☐
b. Petroleum — Diesel	☐	☐	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐
Gasoline (including alcohol blends)	☐	☐	☐	☐	☐
Used Oil	☐	☐	☐	☐	☐
Other, Please Specify	Fuel Oil				
c. Hazardous Substance	☐	☐	☐	☐	☐
Please Indicate Name of Principal CERCLA Substance or Chemical Abstract Service (CAS) No	068-476-302				
Mark box ☐ if tank stores a mixture of substances	☐	☐	☐	☐	☐
d. Unknown	☐	☐	☐	☐	☐
9. Additional Information (for tanks permanently taken out of service) — a. Estimated date last used (mo/yr)	1/1970	/	/	/	/
b. Estimated quantity of substance remaining (gal)	0				
c. Mark box ☐ if tank was filled with inert material (e.g., sand, concrete)	☐	☐	☐	☐	☐

UNDERGROUND STORAGE TANK LOCATION
TANK CFA-681

LOCATION DESCRIPTION:

see below

REF. DWG. :



INEL TANK DATABASE FORM

Directions for form use: Fill in the blanks with appropriate information and/or highlight the essential information contained between commas. The end result will be a computerized tank database.

Tank Owner: DOE-ID Facility: CFA Tank Number CFA-681
Responsible Person: CFA Landlord Phone No. 526-2830

Tank Volume: 500 gallons
Date Installed: 1949 Source of Date: _____

EPA Regulated Under: UST, Hazardous Waste, Radioactive Waste, Not Regulated

Tank Reported to EPA: No, Not Required, Yes - Date: _____

Contents: Unknown, Empty, Empty and Clean, No. 2 - Diesel, No. 1 - Diesel, Regular Gas, Unleaded Regular Gas, Super Unleaded Gas, Motor Oil, Waste Oil, Solvent ( ), Hydraulic Fluid, Aviation Gas (JP-4), Radioactive Waste, Hazardous Waste ( ), Other ( )

Function: Unknown, Vehicle Fuel or Oils, Aviation Fuel or Oils, Waste Oil, Heating Oil, Emergency Generator, Wastewater, Septic Tank, Sump, Pesticides, Fertilizer, Electrical Equipment, Flow Through Process Tank, Other ( )
Radioactive Waste ( )
Hazardous Waste ( )

Tank Status: In Use, Standby with Product, Standby Empty, To Be Closed, Not Operational After March 1987, On COCA List, Temporarily Closed, To Be Removed, Date Removed: , To Be Abandoned-in-Place, Date of Abandonment: , Inert Fill Material (Unknown, Concrete, Sand, Other)
Other

Construction:
- Material: Unknown, Carbon Steel, Stainless Steel, Aluminum, Plastic/Fiberglas, Concrete,
- Wall Type: Unknown, Single, Double, Round, Rectangular,
- Installation: Unknown, Horizontal, Vertical,
- Covering: Concrete, Asphalt, Gravel, Grass, Earth,
- Other Notes: Secondary Containment,

Protection:
- External: Unknown, None, Asphalt, Plastic/Fiberglas, Paint, Other
- Internal: Unknown, None, Epoxy, Other
- Cathodic: Unknown, None, Anode, Impressed Current, Other

Piping System:
- Type: Unknown, Pressure, Suction, Vapor Recovery Syst
- Material: Unknown, Steel, Coated Steel, Plastic/Fiberglas Other
- Wall: Unknown, Single, Double,
- Installation: Open, Lined, Lined - Leak Detection Equipment
- Cathodic Protection: Unknown, None, Anode, Impressed Current,

Tank Drawings: Not Available, Original, As Built,
Drawing No. _____

Tank Dimensions: Diameter _____ Length _____

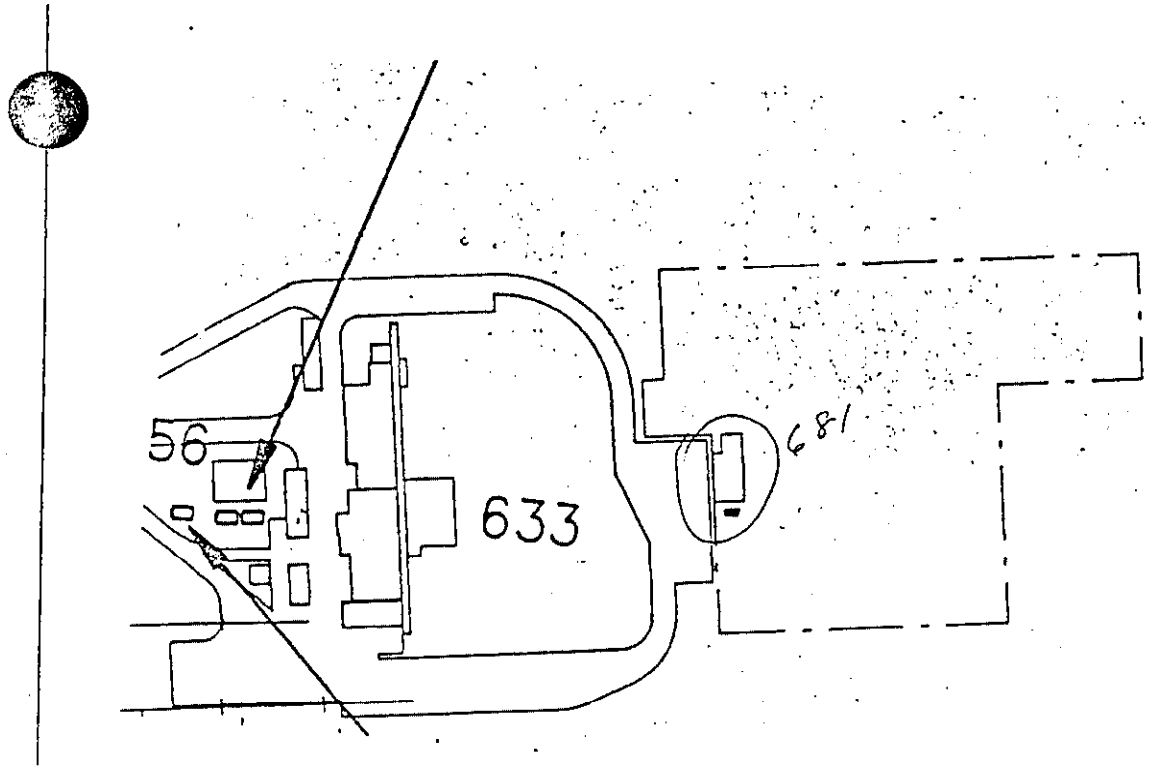
Ports:	Manway:	Unknown, No, Yes, Size
	Fill:	At Tank, Remote, Size
		Locked Cap, Spill/ Overfill Protection,
	Gauging:	None, Separate, Size
	Vent Pipe:	Size

End Design: Unknown, Flat, Hemispherical, Ellipsoidal, Other

Pumping System: Turbine Pump in Tank, Above Ground Pump, Dispenser Pump
Drop Tube: Unknown, None, Permanent, Removable,

Additional Design/Construction Notes:

Site Location Sketch:



Volume Calibration Chart: No Chart, Chart Required, Chart Not Required,
Strapping Date:_____ By:_____

Tank Tightness Tested: Date:_____ By:_____
Method:_____
Results:_____
_____
Repairs:_____
_____

Tank Condition: Internal Inspection Date: _____ By: _____
Results: _____

Volume Gauging: Unknown, None, Stick (Daily, Weekly, Monthly, _____)
Mechanical Ball, Float, Tape, Tape and Ball, Electronic,
Automatic Tank Gauge - Type:_____

Inventory Control: Input Meter: Deliver Truck, Slick Gauged, Mechanical Meter,
Temperature Compensated Meter,
Withdrawal: Unknown, None, Mechanical Meter, Temperature
Compensated Meter,

Inventory Records: None, Yes (_____ years), Not Required, Required,
Content Level: (Stable, Drops, Raises)
Water Present: (Yes/No)
Other Comments:

Leak Detectors: Unknown, None, Internal, External, Interstitial,
Type/Brand:

Tank Modifications and Upgrades:

Monitoring Equipment:	Date:_____	Type:_____
Piping Leak Detection:	Date:_____	Type:_____
Spill and Overfill:	Date:_____	Type:_____
Corrosion Protection:	Date:_____	Type:_____

Monthly Monitoring Method:
Automatic Tank Gauging with Inventory Control
Vapor Monitoring
Interstitial Monitoring
Other Methods:
Pipe Leak Detection Equipment

INEL TANK DATABASE FORM (Continued - Page 4)
GENERAL SITE ENVIRONMENTAL INFORMATION

Elevation Above Mean Sea Level:	4,900 ft.
Groundwater (GW) Depth:	400 to 600 ft.
Adjacent Exist GW Monitoring Well:	Yes, No, Approx. Distance:_______ft
Groundwater Test Well Required:	Yes, No, To-Be-Determined
Adjacent Surface Water:	None, Lake, River, Stream, Canal Unknown, Other:__________
Adjacent Underground Utilities:	Unknown, None, Gas, Water, Phone, Sewer, Electricity, Other__________
Adjacent Sensitive Land Use:	None, Home, School, Farm, Other:____ __________
Tank Backfill Material	__________
Base Soil pH Factor:	Range: 3.9 to 7.0. - Acidic
UST Site Soil pH Factor:	__________
Hydraulic Conductivity & Direction:	Range: $1X10^{-3}$ to $2X10^{-1}$ cm/s to ___ __________
Specific Resistivity Factor:	_______ to _______ mohms/cm
Soil Type:	Unknown, Sand, Gravel, Rock, Clay Loam, (Combination) Other__________ __________
Soil Chemical Concentration:	Chloride, Sulphide], Other:________ __________
Product Soil Contamination:	Previous, Continued, Visual, Smell Fill Pipe Spill, Groundwater Test, Contamination History: __________ __________ __________
Random DC Current in UST Area:	Unknown, Yes, No, Value: _______ volts.

How far (distance) is tank from another contamination source or zone.

Abandoned- either Permanently (POS) or Temporarily (TOS)

	TANK IDENTIFICATION	STATUS	AGE (YEARS)	CAPACITY (GALLONS	MAT'L CONSTRU.	INT. PROTECT.	EXT. PROTECT	PIP-ING	SUBSTANCE	DATE O/of/S	REMAI (GALL.	FILLED
X	ARA-III 607	TOS	33	1,000	Steel	None	Painted	TCS	Fuel Oil	08/88	1,000	
X	ARA-III, 611	TOS	13	1,000	Steel	None	None	B.S.	Diesel	08/88	Unk	
X	ARA-III, ARA-735 *	TOS	39	10,000	S.S.	None	None	S.S.	Radionucli	1965	Unk	
X	ARA-III, ARA-736 *	TOS	39	10,000	Steel	None	Painted	Unk	Radionucli	1965	Unk	
X	ARA-II, E OF 602 *	POS	33-38	1,000	Steel	None	Painted	TCS	Fuel Oil	1970's	Empty	
X	ARA-II, NW OF 606 *	TOS	33	1,000	Steel	None	Painted	TCS	Fuel Oil	08/86	Unk	
	ARA-I, 629	TOS	29	Unk	Steel	Unk	Unk	Unk	Gasoline	08/88	Unk	
X	ARA-I, 729 *	TOS	30	1,000	S.S.	None	None	S.S.	Radionucli	08/88	Unk	
X	BORAX V, W AEF-601 *	POS	33	500	Steel	Unk	Unk	G.S.	Fuel Oil	6/63	100	
	BORAX-V *	POS	33-38	500	Steel	Unk	None	G.S.	Fuel Oil	1964	50	
X	BORAX-V,SW AEF-602 *	POS	38	500	Steel	Unk	Unk	G.S.	Fuel Oil	1964	Empty	
X	CFA-604,746,ubldg	TOS	7	285	Steel	None	Painted	TCS	Diesel	08/88	Unk	
(	CFA-606 SW	POS	45	500	Carb.Steel	Unk	Unk	B.S.	Fuel Oil	1950's	Empty	
(	CFA-606, EAST	See No	41	10,000	Steel	None	Painted	TCS	Gasoline	1950	Unk	
(	CFA-606, EAST	See No	41	10,000	Steel	None	Painted	TCS	Diesel	1950	Unk	
X	CFA-640, east * (Back) #22	POS	45	500	Carb.Steel	Unk	Unk	B.S.	Fuel Oil	1960's	Empty	
X	CFA-641 * #23	POS	40	500	Steel	None	Painted	TCS	Fuel Oil	1975	Empty	
	CFA-656	POS	45	500	Carb.Steel	Unk	Unk	Unk	Fuel Oil	1960's	Empty	
X	CFA-666 -- 728 *	POS	38	500	Carb.Steel	Unk	Tar Coa	B.S.	Fuel Oil	1970's	Unk	
X	CFA-667 -- 724 * #33	TOS	38	6,000	Steel	None	Painted	TCS	Fuel Oil	01/86	1,000	
X	CFA-669 -- 740 * #27	POS	36	18,000	Steel	None	Painted	TCS	Fuel Oil	01/81	Empty	
X	CFA-674B * #28	POS	33	1,000	Carb.Steel	Unk	Painted	B.S.	Fuel Oil	1968	Empty	
X	CFA-680 * #36 N of bldg	TOS	38	55	Unk	Unk	Unk	Copp	Gasoline	1983	Unk.Quant	
X	CFA-681 * #37	POS	40	500	Carb.Steel	Unk	Unk	B.S.	Fuel Oil	1970's	Empty	
X	CFA-683 -- 725 * #32	POS	39	1,000	Steel	None	Painted	TCS	Fuel Oil	1980	Empty	
X	CFA-687 -- 727 *	TOS	36	1,000	Steel	None	Painted	TCS	Fuel Oil			
\	CFA-763, Waste Oil #31	TOS	Unk	10-15,00	Steel	Unk	Unk	Unk	Used Oil	01/85	Unk.Quant	
X	EBR-I, AEF-704 *	POS	37	Unk	Unk	Unk	Unk	Unk	Fuel Oil	03/73	Full	
X	EBR-I, EBR-706 *	POS	37	4,500	Unk	Unk	Unk	Unk	Fuel Oil	1963	Unk	
X	EBR-I, EBR-707 *	POS	37	1,000	Unk	Unk	Unk	Unk	Diesel	1963	Unk	
X	EBR-I, EBR-708 *	POS	37	600	Unk	Unk	Unk	Unk	Gasoline	1963	Unk	
X	WMO-703, WMO-601 *	TOS	37	2,000	Steel	Unk	Unk	TCS	Fuel Oil	08/88	Unk	
v	WMO-~~70~~, WMO-601 * w/ 703	POS	37	500	Steel	Unk	Unk	TCS	Fuel Oil	1986	Empty	Sand

* COCA PER DIXIE

LIST OF COMPLETED 669'S FOR OUT-OF-SERVICE UST'S, Continued

	Tank Number	INEL Number	Date Analyses were Submitted Organics	Inorganics	669's
	CFA UNK4	CFA 763	2-90	4-90	5-09-90
	PBF 608	PBF 608	2-90	4-90	5-07-90
	TAN 777B	TSF 777	2-90	4-90	4-30-90
	CFA 674B	COCA CFA-28	2-90	4-90	4-30-90
	EBR 706	COCA EBR-11	2-90	4-90	5-09-90
EBR-I	WMO 704S	COCA EBR-09	2-90	4-90	4-30-90
	CFA 640E	CFA 640-E	2-90	4-90	4-30-90
	CFA 681	CFA 681-S	2-90	4-90	5-09-90
	CFA 725	CFA 725	2-90	4-90	5-09-90
	CFA 727	CFA 727	2-90	4-90	5-07-90
EBR-I	WMO 705	EBR/WMO 705	2-90	4-90	5-09-90
	TRA 614	TRA 614	3-90	4-90	4-30-90

List of INEL Out-of-Service Tanks as of March 21, 1990.
Tank Contents Sampling Update

SITE	TANK NUMBER	BLDG NO.	TANK CONTENTS	CONTENT STATUS
ARA-I	729		Rad	Not Sampled
ARA-I	629	629	Gasoline	Empty
ARA-II	719	602	Rad Fuel Oil	Not Sampled
ARA-II	606-NW	606	Fuel Oil	Empty
ARA-III	735		Rad	Empty
ARA-III	607	607	Fuel Oil	Not Found
ARA-III	736		Rad	Empty
ARA-III	611	611	Diesel	Empty
BORAX-V	601-W AEF	601	Fuel Oil	Empty
BORAX-V			Fuel Oil	Empty
BORAX-V	602-SW AEF	602	Fuel Oil	Empty
CFA	NEV2	629-S	Fuel Oil	Not Found
CFA	681-S	681	Fuel Oil	Lab
CFA	680	680	Gasoline	Lab
CFA	605W	605	Fuel Oil	Lab
CFA	725	683	Fuel Oil	Lab
CFA	640-W	640	Diesel	Not Found
CFA	606-E1	606	Gasoline	Not Found
CFA	606-SW	606	Fuel Oil	Not Found
CFA	640-E	640	Fuel Oil	Lab
CFA	606-E2	606	Diesel	Not Found
CFA	641-Un	641	Gasoline	Empty
CFA	641	641	Fuel Oil	Empty
CFA	643 MTR	643	Diesel	Not Found
CFA	763(UNK-4)	667	Used Oil	Lab
CFA	674-W-B	674	H2SO4	Removed
CFA	740	669	Fuel Oil	Empty
CFA	674-S	674	Diesel	Lab
CFA	727	687	Fuel Oil	Lab
CFA	674-B-W-A	674	Fuel Oil	Empty
CFA	NEV1	629-S	Fuel Oil	Not Found
CFA	667-S	667	Diesel	Empty
CFA	728	666	Fuel Oil	Not Found
CFA	746	604	Diesel	Empty
CFA	656	656	Fuel Oil	Empty
CFA	667-N	667	Diesel	Empty
EBR-I	707		Diesel	Empty
EBR-I	706		Fuel Oil	Lab
EBR-I	708		Gasoline	Empty
EBR-I	704 AEF(704-N)		Fuel Oil	Not Found
EBR-I/WMO	705	601	Gasoline	Lab
EBR-I/WMO	704	601	Sand	Sand
EBR-I/WMO	703	601	Diesel	Empty
EBR-I/WMO	704-S	601	Fuel Oil	Lab
NRF	GuardGate			Not Sampled
NRF	INSIDE			Not Sampled
PBF	608	608	Fuel Oil	Lab
PBF-SPERT-II	612			Not Sampled
PBF-SPERT-III	609-A			Not Sampled
TAN/IET	1713	625	Diesel	Removed
TAN/IET	1711	625	Diesel	Removed

List of INEL Out-of-Service Tanks as of March 21, 1990.
Tank Contents Sampling Update

SITE	TANK NUMBER	BLDG NO.	TANK CONTENTS	CONTENT STATUS
TAN/IET	1705	625	Lube Oil	Haz for Barium
TAN/IET	1714	625	Lube Oil	Lab
TAN/IET	1715	627	Gasoline	Lab
TAN/IET	1712	625	Diesel	Removed
TAN/LOFT	Diesel-A	629	Diesel	Not Sampled
TAN/LOFT	1701	630-N	Fire Foam	Not Found
TAN/LOFT	765	630-S	Jet Fuel	Not Found
TAN/LOFT	764	631	Fuel	Lab
TAN/TSF	1703-1	615	Rad	Not Sampled
TAN/TSF	1702	607-W	Diesel	Empty
TAN/TSF	602-ED	N/A	Diesel	Empty
TAN/TSF	775	609	Jet Fuel	Empty
TAN/TSF	604	604	Clarifier Tank	
TAN/TSF	1703-2	615	Rad	Not Sampled
TAN/TSF	602-A	602	Neutralization	Not Found
TAN/TSF	779	603	Diesel	Empty
TAN/TSF	1710	607	Mixed Waste	Not Sampled
TAN/TSF	777-A	603	#6 Fuel Oil	Lab
TAN/TSF	1709	616	NaOH	Not Sampled
TAN/TSF	1703-3	615	Rad	Not Sampled
TAN/TSF ~~607-S~~	Und.S.End	607	Waste Oil	Not Found
TAN/WRRTF	1706	641	Diesel	Empty
TAN/WRRTF	788	645	Diesel	Empty
TAN/WRRTF	751-B	640	Diesel	Empty
TAN/WRRTF	755	645	Fuel Oil	Lab
TAN/WRRTF	644	644	Gasoline	Empty
TAN/WRRTF	1707	641	Rad	Not Sampled
TAN/WRRTF	789	646	Diesel	Empty
TAN/WRRTF	753	663	#5 Fuel Oil	Lab
TRA	609	609	Boiler Blodwn	Lab
TRA	667-E	667	Diesel	Lab
TRA	616-4	616	Gasoline	Lab
TRA	648	648	Diesel	Empty
TRA	614	614	Rad	Lab
TRA	623	623	Diesel	Empty
TRA	643	643	Diesel	Removed
TRA	605	605	Gasoline	Removed
TRA	610	610	Sand	Removed
WINCO-CPP	SFE-20		Mixed Rad	Not Sampled

INEL TANK DATABASE AS OF MAY 12, 1989 - LIST OF OUT-OF-SERVICE TANKS FOR COCA

SITE	TANK NUMBER	BLDG NO.	OTHER TANK NUMBERS	COCA NUMBERS	CAPACITY (gallon)	TANK TYPE	DATE INST	AGE 1989	LAST USED	DEPTH / GALLONS	TANK CONTENTS	
ARA-I	629	629			UNKNOWN	UST	1960	29			Gasoline	Ot
ARA-I	729			ARA-16	1,000	UST	1959	30	1988		Radionuclides	Ot
ARA-II	719	602		ARA-19	1,000	UST	1953	36	1970		Fuel Oil/radionuclid	Ot
ARA-II	606-NW	606		COCA*	1,000	UST	1956	33	1986		Fuel Oil	Ot
ARA-III	607	607			1,000	UST	1956	33	8/1988		Fuel Oil	Ot
ARA-III	611	611			1,000	UST	1976	13	8/1988		Diesel	Ot
ARA-III	735			ARA-15	10,000	UST	1950	39	1965		Radionuclides	Ot
ARA-III	736			ARA-18	10,000	UST	1950	39	1965		Radionuclides	Ot
BORAX-V				COCA*	500	UST	1956	33	1963	Empty	Fuel Oil	Ot
BORAX-V	601-W AEF	601	(no COCA sign)	BORAX-07	500	UST	1956	33	1963	2' 0"	Fuel Oil	Ot
BORAX-V	602-SW AE	602		BORAX-05	500	UST	1951	38	1964	1' 3"	Fuel Oil	Ot
CFA	606-E1	606		CFA-19	10,000	UST	1948	41	1950		Gasoline	Ot
CFA	606-E2	606			10,000	UST	1948	41	1950		Diesel	Ot
CFA	606-SW	606		COCA*	500	UST	1944	45	1950		Fuel Oil	Ot
CFA	609	609			500	UST	1952	37	1985	Removed	Fuel Oil	Re
CFA	610	610			500	UST	1952	37		Removed	Fuel Oil	Re
CFA	640-E	640		CFA-22	500	UST	1944	45	1964	1"	Fuel Oil	Ot
CFA	640-W	640								6"	Diesel	Ot
CFA	641	641		CFA-23	500	UST	1949	40	1975	1' 2"	Fuel Oil	Ot
CFA	643 MTR	643			Unknown	UST	1959	30	1981		Diesel	Ot
CFA	656	656		CFA-25	500	UST	1944	45	1960	1"	Fuel Oil	Ot
CFA	658	658			1,000	UST	1952	37	1985	Removed	Fuel Oil	Re
CFA	659	659			1,000	UST	1952	37	1985	Removed	Fuel Oil	Re
CFA	667-N	667		CFA-32							Fuel Oil	Ot
CFA	674-S	674		CFA-34	UNK	UST	UNK	UNK	1976		Diesel	Ot
CFA	674-W-A	674		CFA-35	UNKNOWN	UST	UNK	UNK			Sulfuric Acid	Ot
CFA	674-W-B	674		CFA-28	1,000	UST	1956	33	1968	1"	Fuel Oil	Ot
CFA	680	680		CFA-36	55	UST	1951	38	1983	1' 3"	Gasoline	Ot
CFA	681-S	681		CFA-37	500	UST	1949	40	1978	2"	Fuel Oil	Ot
CFA	688	688		COCA*	500	UST	UNK	UNK			Fuel Oil	Ot
CFA	725	683		CFA-38	1,000	UST	1949	40	1980	6"	Fuel Oil	Ot
CFA	727	687		COCA*	1,000	UST	1953	36			Fuel Oil	Ot
CFA	728	666		COCA*	500	UST	1951	38	1970		Fuel Oil	Ot
CFA	740	669		CFA-27	18,000	UST	1953	36	1981	10"	Fuel Oil	Ot
CFA	746	604			285	UST	1982	7	UNK		Diesel	Ot

08945

EG&G Idaho

"Providing research and development services to the government"

CFA 681-S

INTEROFFICE CORRESPONDENCE

Date: May 30, 1989

To: R. H. Meservey

From: L. A. Green Lisa

Subject: ADDITIONAL UNITS FOR COCA LIST - LAG-34-89

Please find the attached "List of Out-of-Service Tanks for COCA," as provided by Mr. K. W. Jones, INEL Tank Program Manager. This list includes abandoned tanks presently on the INEL Consent Order and Compliance Agreement (COCA) list and abandoned tanks identified recently which are not on the COCA list. Per the terms of the COCA, the list of units must be reevaluated and recharacterized ("reprioritized") on a semiannual basis. Newly identified units, in this case abandoned tanks, will be added to the list by the Program Integration Office during the next reprioritization which is scheduled for July 1989.

A completed "Initial Assessment" form, to be provided through the Program Management Unit, is also required for each new COCA unit at such time that it is included on the list. If it is not possible to complete all of the necessary Initial Assessments before July 1989, please submit a schedule for their completion and submission to DOE-ID for transmittal to ERA Region X.

bj

Attachment:
As Stated

cc: C. J. Bonzon
K. D. Davis
K. W. Jones
J. H. Pletscher
W. R. Pigott
W. A. Rhoades
ERP Action Item Tracking System
Central Files
L. A. Green ltr File

Sent to Martha on 7/29/90

NOTEGRAM

Date: 7/16/90

To: Martha Gitt

From: Greg Andrews

Subject: TAN Under Ground Storage Tanks (USTs)

I am sending you this notegram in response to your request to reveiw the Generators Hazardous Waste Material Profile Sheets (Form EG&G 669) characterizing the contents of five USTs located at TAN. The characterizations submitted apply to the following tanks: (1) TAN 1714, (2) TAN 755, (3) TAN 777b, (4) TAN 753, and (5) TAN 1705. The conclusions resulting from the reveiw are as follows.

TAN 755, TAN 777b, TAN 753:

The characterizations and corresponding analytical results for these three tanks were reveiwed by myself and Dave Rizor with the conclusion that the fuel product left in tank may be recycled by burning for energy recovery. In accordance with 40 CFR 261.2(c)(2)(B)(ii), commercial chemical products burned to recover energy are not solid wastes if they are themselves fuel. None of the constituents identified in the supporting analytical data may be considered anomalous with those that are typically found in fuels.

TAN 1714: ← This is not used oil, more data coming

Per our telephone conversation (7/16/90), the product remaining in this tank was identified as lube oil. It my conclusion that this material should be managed as used/waste oil and be recycled by burning for energy recovery in accordance with 40 CFR 266, Subpart E. The analytical data submitted with the characterization provides the required data to classify this product as specification used oil fuel. To accomplish removal of the product by a used oil marketer, you will need to submit to me Form EG&G 464. I will be glad to help you with the completion of this form at your request.

TAN 1705:

The product remaining in this tank was also identified as lube oil. The analytical data submitted with the characterization identified concentrations of barium and silver in the aqueous and oil phases that will prohibit managing the material as used oil to be recycled by burning for energy recovery. It is my conclusion that this material must be managed as hazardous waste. To accomplish this, I recommend that you contact Rod Sidwell at 526-8204. The Form EG&G 669 will have to be submitted electronically into the WITS System. Rod will be able to guide or assist you in doing that.

NOTEGRAM

Date: 8/9/90

To: Martha Gitt

From: Greg Andrews

Subject: UNDERGROUND STORAGE TANKS

I am sending you this notegram to document my conclusions as to the disposition of the contents of the following underground storage tanks. My conclusions are based on the reports of analysis submitted along with the Form EG&G 669.

CFA 640E:

It is my conclusion that the contents of this tank must be managed as a hazardous waste. The high concentration of trichloroethene (12,591 ppm) identified in the organic report of analysis will prohibit managing this material as new unused fuel or as used oil. New unused fuel does not contain such concentrations of trichloroethene and used oil with greater than 1000 ppm total halogens is presumed to have been mixed with halogenated hazardous waste. That presumption may be rebutted by demonstrating that the oil does not contain significant concentrations of halogenated hazardous constituents listed in Appendix VII of Part 261. Trichloroethene is listed in Appendix VII of Part 261.

CFA 680:

This tank per the 669 contains leaded gasoline. The reports of analysis describing the material is consistent with those contituents that are typically found in leaded gasoline. It is my conclusion that this product should be recycled as a fuel to be burned for energy recovery. A fuel that is recycled by burning for energy recovery is exempted from classification as a solid waste and therefor can not be classified as a hazardous waste.

CFA 727:

This tank per the 669 contains fuel oil. The reports of analysis did not identify constituents in concentrations that would prohibit managing the remaining product as unused fuel. Therefore it is my conclusion that the remaining product be recycled as an unused fuel to be burned for energy recovery.

CFA 674B:

This tank per the 669 contains fuel oil which is consistent with the attached reports of analysis. It is my conclusion that this product should be recycled as a fuel by burning for energy recovery.

CFA 605:

TBD (Possible F series slovents in aqueous phase)

CFA UNK4:

The 669 identifies the contents of this tank as 11% fuel oil and 89% aqueous. The report of analysis identifies concetrations of metals (lead, chromium and silver) that is not consistent with fuel oil. Also there are concentrations of chlorinated solvents greater than 1000 ppm which is also inconsistent with fuel oil. It is my conclusion that this material should be managed as hazardous waste.

CFA 681:

The 669 identifies the contents of this tank as 72% fuel oil, 27% aqueous, and 2% emulsion. The report of analysis does not identify concentrations of constituents that would prohibit recycling the remaining product as fuel to be burned for energy recovery.

CFA 725:

The 669 identifies the contents of this tank as 24% fuel oil, 75% aqueous, and 1% emulsion. Because of the high concentrations of chlorinated slovents (TCE greater than 2000 ppm), this material should be managed as hazardous waste.

PBF 608:

The 669 identifies the contents of this tank as 86% fuel and 14% aqueous. The report of analysis does not identify concentrations of constituents that would prohibit recycling the remaining product as fuel to be burned for energy recovery.

WMO 705:

The 669 identifies the contents of this tank as 37% gasoline and 63% aqueous. The report of analysis does not identify concentrations of constituents that would prohibit recycling the remaining product as fuel to be burned for energy recovery.

EBR 706:

The 669 identifies the contents of this tank as 89% fuel oil and 11% aqueous. The report of analysis did not identify concentrations of constituents that would prohibit recycling the remaining product as fuel to be burned for energy recovery.

TRA 616-A:

The contents of this tank are identified on the 669 as 67% water, 20% gasoline, and 13% sludge. The reports of analysis did not identify concentrations of constituents that would prohibit recycling the remaining product as fuel to be burned for energy recovery. If the sludge is not pumped out with the fuel we will have to manage that seperatly. The sludge will probably have to be managed as hazardous waste.

NOTEGRAM

Date: 8/21/90

To: Martha Gitt

From: Greg Andrews

Subject: DISPOSITION OF PRODUCT REMAINING IN TANK CFA 605

In my previous notegram dated 8/9/90, I had indicated that my conclusion regarding the disposition of the product remaining in Tank CFA 605 was TBD (to be determined) pending information to be supplied from the Environmental Chemistry Laboratory. The product remaining in this tank, as identified on the Form EG&G 669, is 17% fuel oil and 83% aqueous. The Report of Analysis (ROA) applicable to this material identified some halogenated constituents (methylene chloride and trichloroethene) with concentrations totalling 500 ppm. The ROA also indicated that the methylene chloride was present in the lab blank at an estimated concentration of 214 ppm. It was my concern that the concentration of methylene chloride identified in the sample may be partially the result of laboratory contamination. Per telecon with Richard Murphy from the Environmental Chemistry Laboratory on 8/20/90, it was verified that the methylene chloride was in the sample. Because of this concentration of methylene chloride, it is my conclusion that this material be managed as used/waste oil, and that it be recycled by burning for energy recovery in accordance with 40 CFR 266, Subpart E. The concentration of halogens identified in this material is consistent with classification of the product as specification used oil fuel. Specification used oil fuel may contain up to 1000 ppm total halogens. To facilitate the recycle of this product, you will have to prepare and submit a Form EG&G 464 to me at MS 8101. If you have any questions, please call me at extension 6-8095.

NOTEGRAM

Date: 8/28/90

To: Martha Gitt

From: Greg Andrews

Subject: DISPOSITION OF FUEL PRODUCT REMAINING IN TANK TRA-667

The function of Tank TRA-667, per our conversation and review of the UST files located at PBF-632 on 8/28/90, was for storage of No. 2 diesel fuel. A review of the related reports of analysis provided by the Environmental Chemistry Lab, identified no constituents that would prohibit managing the remaining product as an unused fuel that is contaminated with water. In accordance with 40 CFR 261.2(c)(2)(B)(ii), fuel burned for energy recovery is not a solid waste. It is my conclusion that this remaining product should be offered for market as an unused fuel to be burned for energy recovery.

UST PRODUCT REMOVAL FORM

Tank # CFA 681 Date 8-21-90

Location and Building # S W of Substation Bldg 681 Near

Tank Contents Diesel

Amount of Product Removed (Gallons) Ø

Removal Company (Print) _____

Drivers Name _____ Drivers Signature _____

Comments (Map, Description, Weather, etc.) Gate was locked since there is only ~ 5 gallons in this tank a decision was made by M.G.H not to waste precious time in getting the gate opened. Will pickup later

Witness (Print) M. J. G. H Signature M. J. G. H

Tank Project Manager (Print) _____ Signature _____

cc: C. L. Nash, MS 8101
UST Project Files

4815

NOTEGRAM

Date: September 13, 1990

To: Tank Management Program and Support Personnel

From: Martha Gitt

Re: Updated UST Status

Attached is an updated inventory of the out-of-service Underground Storage Tanks. This inventory will be updated periodically by ETU personnel, as more success stories are reported.

mjg

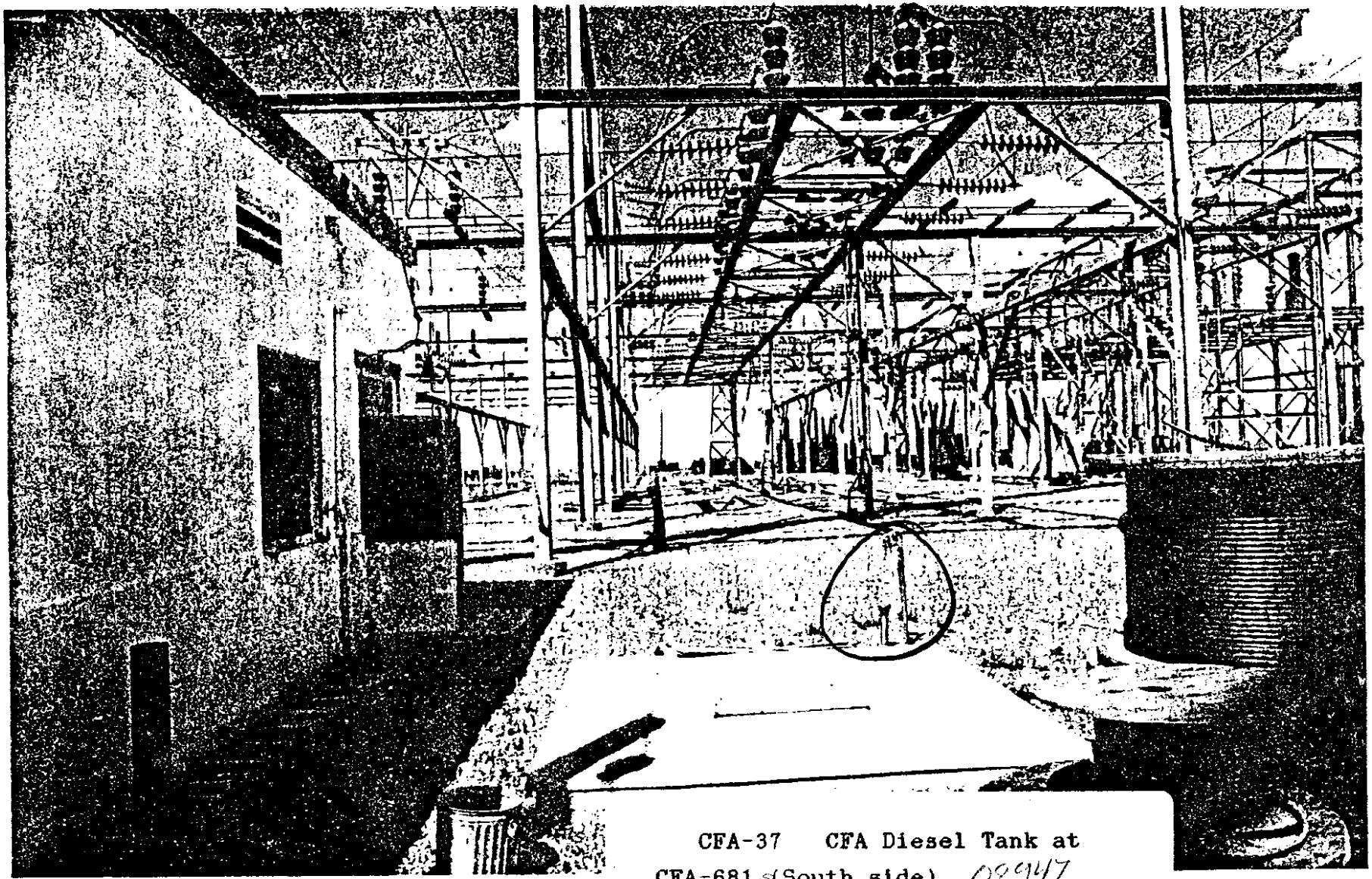
cc:

John Coody
Doug Shafer
Wendell Wagoner
Woody Russel
Dave Hood
Vince Daniel
Kathy Ludi

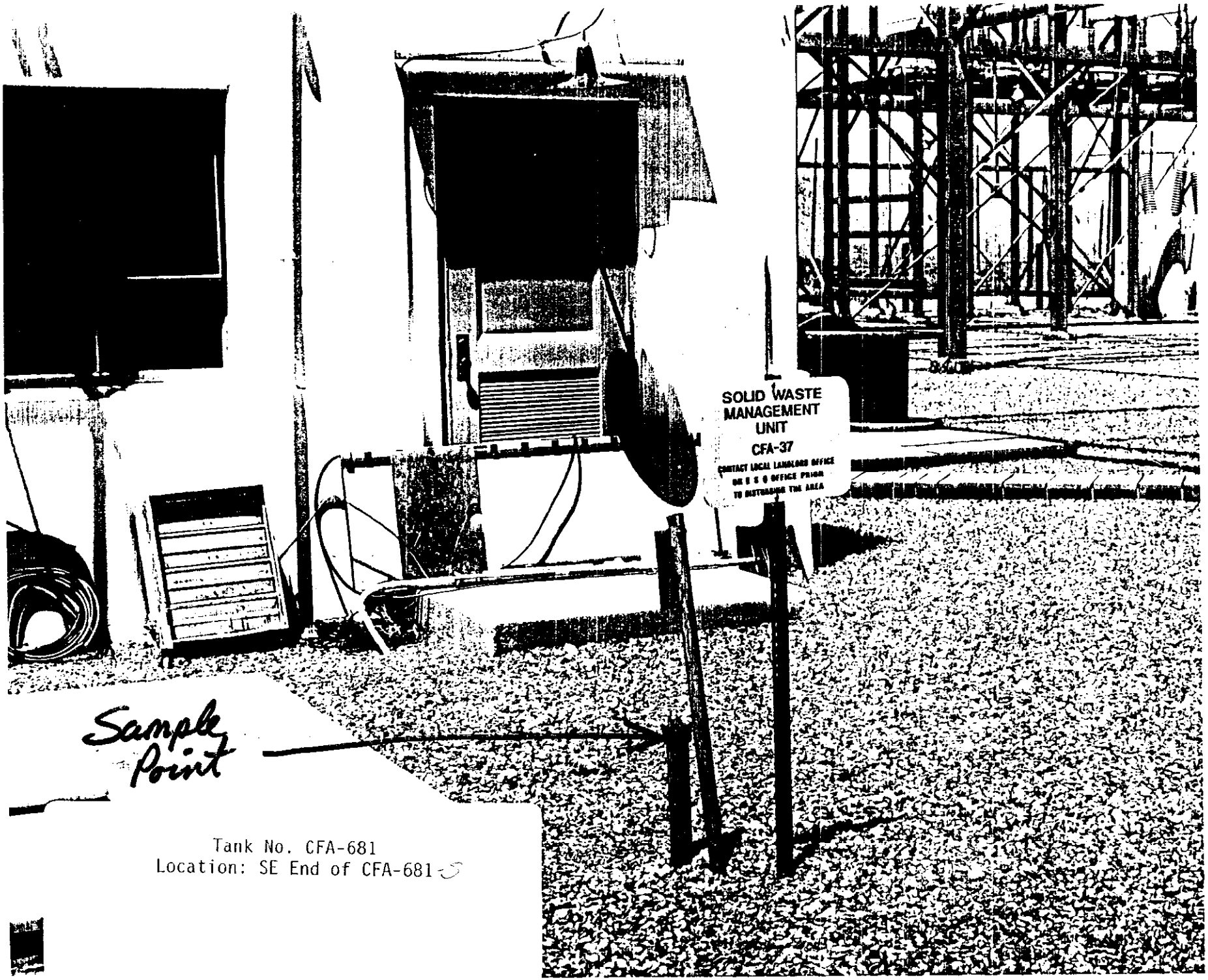
Table 2-1. Out-of-service tanks that will be closed and removed, updated 9-13-90.

Tank Id	Facility	Tank#	Bldg#	Capacity	Inventoried Contents	Status as of Sept 13, 1990
AR753	ARA-I	743	629		Gasoline	Empty
AR606	ARA-II	606-NW	606	1000	Fuel Oil	Emptied 1989
AR607	ARA-III	607	607	1000	Fuel Oil	Not Found
AR611	ARA-III	611	611	1000	Fuel Oil	Emptied 1989
BO000	BORAX-V			500	Fuel Oil	Emptied 1989
BO601	BORAX-V	601-W	601	500	Fuel Oil	Emptied 1989
BO602	BORAX-V	602-SW	602	500	Fuel Oil	Emptied 1989
CF605	CFA	605W	605		Fuel Oil	Waste Fuel
CF606	CFA	606-E1	606	10,000	Gasoline	Not Found
CF606E	CFA	606-E2	606	10,000	Fuel Oil	Not Found
CF606S	CFA	606-SW	606	500	Fuel Oil	Not Found
CF640E	CFA	640-E	640	500	Fuel Oil	Hazardous Waste
CF640W	CFA	640-W	640		Fuel Oil	Not Found
CF641	CFA	641	641	500	Fuel Oil	Emptied 1989
CF641U	CFA	641-Un	641		Gasoline	Emptied 1989
CF643	CFA	643 MTR	643		Fuel Oil	Not Found
CF656	CFA	656	656	500	Fuel Oil	Emptied 1989
CF667N	CFA	667-N	667	1000	Fuel Oil	Emptied 1989
CF667S	CFA	667-S	667	6000	Fuel Oil	Emptied 1989
CF674B	CFA	674-B	674	1000	Fuel Oil	Fuel, in Rad area
CF674S	CFA	674-S	674		Fuel Oil	Emptied 1989
CF674W	CFA	674-W	674		Acid	Removed 1989
CF680	CFA	680	680	55	Gasoline	Emptied 1990
CF681S	CFA	681-S	681	500	Fuel Oil	2.5" Fuel
CF725	CFA	725	683	1000	Fuel Oil	Hazardous Waste
CF727	CFA	727	687	1000	Fuel Oil	Emptied 1990
CF728	CFA	728	666	500	Fuel Oil	Not Found
CF740	CFA	740	669	18,000	Fuel Oil	Emptied 1989
CF746	CFA	746	604	285	Fuel Oil	Emptied 1989
CF763	CFA	763(UNK-4)	667	15,000	Used Oil	Hazardous Waste
CF629A	CFA	NEV1	629-S	500	Fuel Oil	Not Found
CF629B	CFA	NEV2	629-S	300	Fuel Oil	Not Found
EB704	EBR-I	704 AEF			Fuel Oil	Not Found
EB706	EBR-I	706		4500	Fuel Oil	Emptied 1990
EB707	EBR-I	707		1000	Fuel Oil	Emptied 1989
EB708	EBR-I	708		600	Gasoline	Empty
EB703	EBR-I/WMO	703	601	2000	Fuel Oil	Emptied 1989
EB704A	EBR-I/WMO	704	601	500	Fuel Oil	Hazardous Waste
EB704B	EBR-I/WMO	704	601		Fuel Oil	Sand Filled
EB705	EBR-I/WMO	705	601	50	Gasoline	Emptied 1990
EB717	EBR-I/WMO	717	601	500	Gasoline	Not Found

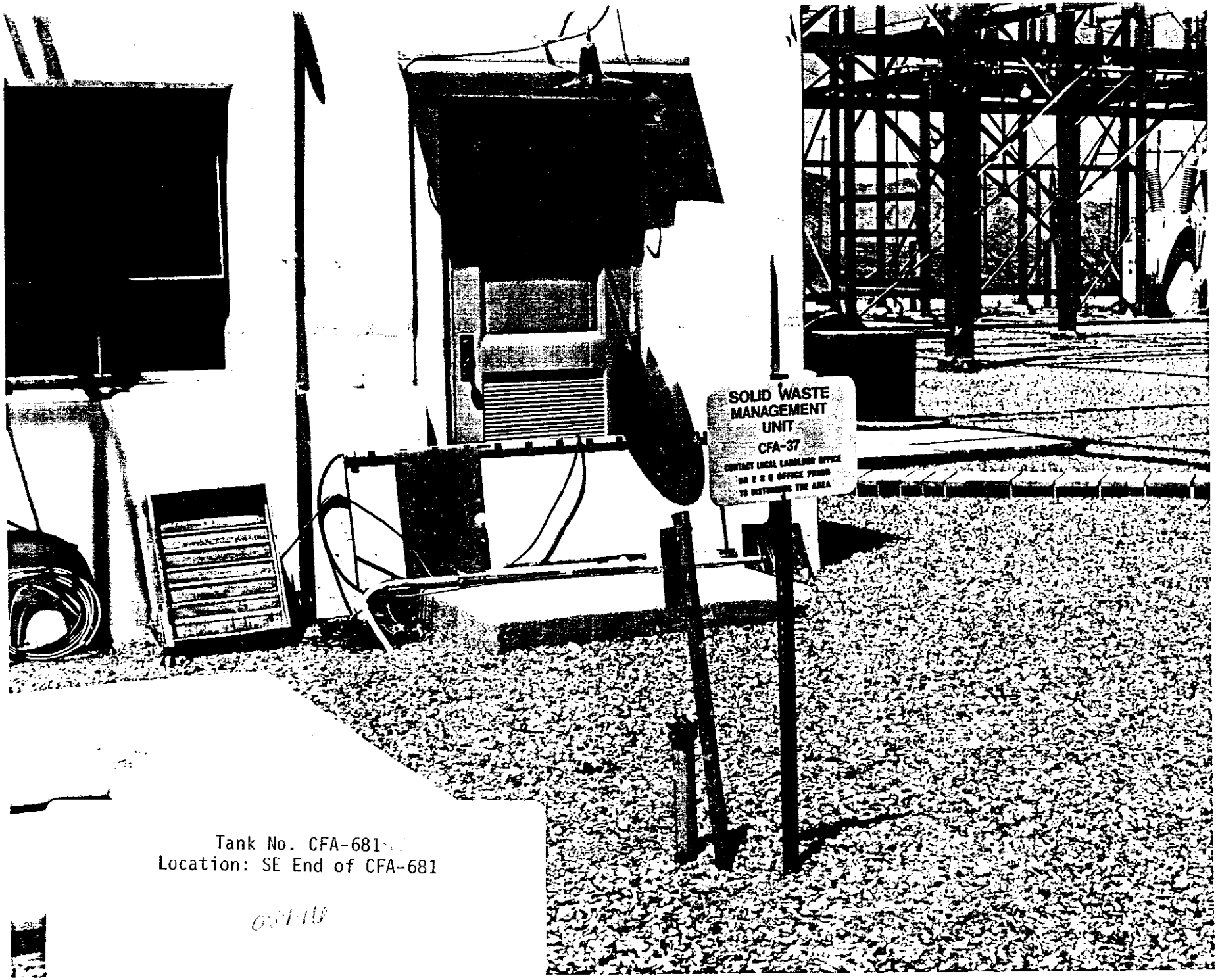
Tank Id	Facility	Tank#	Bldg#	Capacity	Inventoried Contents	Status as of Sept 13, 1990
NR001	NRF		GuardGate	5000	Fuel Oil	Not Sampled
NR002	NRF		INSIDE	1500	Fuel Oil	Not Sampled
PB608	PBF	608	608	1000	Fuel Oil	Emptied 1990
PB612	PBF-SPI	612		400	Gasoline	Not Sampled
PB609	PBF-SPII	609		200	Used Oil	Sand Filled
TA1705	TAN/IET	1705	625		Lube Oil	Hazardous Waste
TA1711	TAN/IET	1711	625	50,000	Fuel Oil	Removed 1989
TA1712	TAN/IET	1712	625	30,000	Fuel Oil	Removed 1989
TA1713	TAN/IET	1713	625	20,000	Fuel Oil	Removed 1989
TA1714	TAN/IET	1714	625	550	Fire Foam	To be Disposed
TA1715	TAN/IET	1715	627	5000	Gasoline	Hazardous Waste
TA1701	TAN/LOFT	1701	630-N		Fire Foam	Not Found
TA764	TAN/LOFT	764	631	15,000	Fuel Oil	Emptied 1990
TA765	TAN/LOFT	765	630-S	2000	Jet Fuel	Not Found
TA629	TAN/LOFT	F-A	629	500	Fuel Oil	Rockwell, Not Sam.
TA601S	TAN/TSF	601S	601	100	Fuel Oil	Not Found
TA602	TAN/TSF	602	602		Neutral.	Not Found
TA602E	TAN/TSF	602-E	N/A		Fuel Oil	Removed 1990
TA604	TAN/TSF	604	604		Clarific.	Hazardous Waste
TA605S	TAN/TSF	605S	605	1000	Fuel Oil	Not Found
TA607	TAN/TSF	607	607	3000	Waste Oil	Not Found
TA775	TAN/TSF	775	609	10,000	Jet Fuel	Removed 1990
TA777A	TAN/TSF	777A	603	3,000	Diesel	Not Found
TA777B	TAN/TSF	777B	603	12,000	Fuel Oil	# 6 Fuel
TA777C	TAN/TSF	777C	603	12,000	Jet Fuel	Not Found
TA779	TAN/TSF	779	603	500	Fuel Oil	Removed 1990
TA1702	TAN/TSF	1702	607-W	3000	Fuel Oil	Removed 1990
TA1709	TAN/TSF	1709	616		Neutral.	Not Sampled
TA1721	TAN/TSF	1721	610	550	Gasoline	Not Found
TA1706	TAN/WRRTF	1706	641	1000	Fuel Oil	Removed 1990
TA644	TAN/WRRTF	644	644	550	Gasoline	Removed 1990
TA751	TAN/WRRTF	751	640	12,000	Fuel Oil	Emptied 1989
TA753	TAN/WRRTF	753	663	50,000	Fuel Oil	# 5 Fuel
TA755	TAN/WRRTF	755	645	5000	Fuel Oil	Emptied 1990
TA788	TAN/WRRTF	788	645	2500	Fuel Oil	Removed 1990
TA789	TAN/WRRTF	789	646	5000	Fuel Oil	Removed 1990
TR605	TRA	605	605	160	Gasoline	Removed 1989
TR609	TRA	609	609		Boiler Bl.	Hazardous Waste
TR610	TRA	610	610	265	Gasoline	Removed 1989
TR616	TRA	616	616	1000	Gasoline	Emptied 1990
TR623	TRA	623	623	300	Fuel Oil	Emptied 1989
TR643	TRA	643	643	300	Fuel Oil	Removed 1989
TR648	TRA	648	648	1500	Fuel Oil	Empty
TR667E	TRA	667-E	667	5000	Fuel Oil	Removed 1990



CFA-37 CFA Diesel Tank at
CFA-681 (South side) 08947



Tank No. CFA-681
Location: SE End of CFA-681



Tank No. CFA-681
Location: SE End of CFA-681

COMPLIANCE SECTION CHECKLIST [1]

TANK NUMBER CFA-L681-S

Doc. #		Received
1)	State Registration/Notification Form	N/A
2)	Tank Closure Notice (Heating Fuel Tank)	X
3)	Final Closure Summary	X
4)	Tank Tightness Test Results (if applicable)	
5)	Release Report Required: YES _____ NO _____ Documentation	
6)	Photographs (if applicable)	

[1] Revised 2/1/91

Idaho National Engineering Laboratory

09208

bcc: J. E. Coody, MS 8101
E. J. Engelman, MS 3940
D. N. Hood, MS 8101
R. D. Johnson, MS 6001
L. P. Leach, MS 3940
R. H. Meservey, MS 8101
R. W. Russell, MS 2109
K. R. Thurman, MS 4156
Central Files, MS 3951
ERP-ARDC, MS 3904
UST Project file, MS 8101
I. K. Hall letter file

November 2, 1990

Mr. J. L. Lyle, Director,
Environmental Restoration Division
Idaho Operations Office - DOE
785 DOE Place
Idaho Falls, ID 83402

TANK CLOSURE NOTIFICATION - IKH-176-90

Dear Mr. Lyle:

The required 30 Day Notice of Closure Form for the removal of underground storage tanks is attached for DOE-ID signature and transmittal to the State of Idaho. Also attached is a draft letter to be transmitted to Mr. Jarvis.

The underground storage tanks we will be removing are located at Central Facilities Area (CFA), and Power Burst Facility (PBF). These tanks were part of the original notification in FY-1989 and this notification is to provide documentation of intent to remove. A. D. Kirsh, from legal, has reviewed the document and provided concurrence with this action.

If you have any questions, please contact either myself at 526-1806, or J. E. Coody at 526-1411.

Sincerely,

I K Hall

I. K. Hall, Acting Manager
Environmental Restoration Program

JOC:ec

Attachments:
As Stated

cc: W. N. Sato, DOE-ID, MS 1117
J. E. Solecki, DOE-ID, MS 1115
J. O. Zane, EG&G Idaho (w/o Attach), MS 3600

C 9208

IDAHO UNDERGROUND STORAGE TANK
30 Day Notice of Closure Form

Site Owner/Operator: U. S. Department of Energy, Idaho Operations Office
Site Address: 785 DOE Place
Site County: Bonneville
Telephone: (208) 526-0193 Facility ID (Notification) Number: _____
Fire District: INEL

Dear Sirs:

In accordance with the Federal UST Regulations, we are notifying you of our intent to permanently close the following underground storage tanks* at the above referenced facility:

TANK#		PRODUCT	CAPACITY (gals.)	AGE (Years)
CFA	681-S	Fuel Oil	500	41
CFA	747	Fuel Oil	1,000	40
PBF	608	Fuel Oil	1,000	28

*Attach additional pages if needed.

We expect this closure to take place on or about November 30, 1990. A site assessment as required by the Federal UST Regulations will be performed before permanent closure is completed.

Please contact John Coody at (208) 526-1411 if you need any additional information.

Return Completed form to:

UST Coordinator, Water Quality Bureau
Idaho Department of Health and Welfare
Division of Environmental Quality
450 West State Street
Boise, Idaho 83720
Phone: (208) 334-5845

October 31, 1990

Mr. Rick Jarvis
UST Coordinator, Water Quality Bureau
Idaho Department of Health and Welfare
Division of Environmental Quality
450 West State Street
Boise, ID 83720

30 DAY NOTICE OF CLOSURE FORMS - JLL- -90

Dear Mr. Jarvis:

Attached please find the completed "30-day Notice of Closure forms", for the INEL. The expected closure date for all of these tanks has been listed as November 1, 1990. This is an anticipated average date based upon the closure schedule for the thirteen tanks over the next two months.

I you have any questions or concerns, please contact John Coody, (208) 526-1411.

Very truly yours,

J. L. Lyle, Director
Environmental Restoration Division